

## Laminin α-4 Polyclonal Antibody

Catalog # AP70709

### Specification

## Laminin α-4 Polyclonal Antibody - Product Information

Application Primary Accession Reactivity Host Clonality WB <u>O16363</u> Human, Mouse Rabbit Polyclonal

#### Laminin α-4 Polyclonal Antibody - Additional Information

Gene ID 3910

#### Other Names LAMA4; Laminin subunit alpha-4; Laminin-14 subunit alpha; Laminin-8 subunit alpha; Laminin-9 subunit alpha

Dilution

WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/40000. Not yet tested in other applications.

Format Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

**Storage Conditions** -20°C

## Laminin α-4 Polyclonal Antibody - Protein Information

Name LAMA4

Function

Binding to cells via a high affinity receptor, laminin is thought to mediate the attachment, migration and organization of cells into tissues during embryonic development by interacting with other extracellular matrix components.

#### **Cellular Location**

Secreted, extracellular space, extracellular matrix, basement membrane. Secreted. Note=Major basement membrane component

#### **Tissue Location**

Detected in placenta (at protein level) (PubMed:32337544). Detected in fibroblasts and urine (at protein level) (PubMed:25326458, PubMed:36213313, PubMed:37453717). In adult, strong expression in heart, lung, ovary small and large intestines, placenta, liver; weak or no expression in skeletal muscle, kidney, pancreas, testis, prostate, brain. High expression in fetal lung and kidney Expression in fetal and newborn tissues is observed in certain mesenchymal cells in tissues



such as smooth muscle and dermis

# Laminin α-4 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- <u>Western Blot</u>
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- <u>Cell Culture</u>

Laminin α-4 Polyclonal Antibody - Images





## Laminin α-4 Polyclonal Antibody - Background

Binding to cells via a high affinity receptor, laminin is thought to mediate the attachment, migration and organization of cells into tissues during embryonic development by interacting with other extracellular matrix components.